**Supplementary Table 37. Mixed model coefficients for fatigue for a cohort of thirty-nine resistance trained adult males and females that either habitually consumed or did not consume breakfast and participated in a randomized crossover investigation seeking to elicit the impact of breakfast consumption on afternoon resistance training performance in an isoenergetic state.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Value** | | |
| *Predictors* | *Estimates* | *CI* | *p* |
| (Intercept) | 47.22 | 31.66 – 62.78 | **<.001** |
| Condition [BO] | 12.44 | -6.03 – 30.92 | .186 |
| Breakfast [NonConsumer] | -11.42 | -33.52 – 10.68 | .301 |
| Sex [Male] | -20.62 | -42.72 – 1.48 | .066 |
| Assessment [2] | 9.11 | -6.92 – 25.14 | .264 |
| Assessment [3] | 15.78 | -2.12 – 33.68 | .084 |
| Assessment [4] | 28.89 | 10.55 – 47.23 | **.002** |
| Condition [BO] × Breakfast [NonConsumer] | -12.34 | -37.81 – 13.12 | .341 |
| Condition [BO] × Sex [Male] | -7.54 | -33.01 – 17.92 | .560 |
| Breakfast [NonConsumer] × Sex [Male] | 8.62 | -22.22 – 39.47 | .574 |
| Condition [BO] × Assessment [2] | 6.89 | -15.78 – 29.55 | .550 |
| Condition [BO] × Assessment [3] | -4.11 | -29.43 – 21.21 | .749 |
| Condition [BO] × Assessment [4] | -14.89 | -40.82 – 11.04 | .259 |
| Breakfast [NonConsumer] × Assessment [2] | 12.99 | -9.10 – 35.08 | .248 |
| Breakfast [NonConsumer] × Assessment [3] | 1.92 | -22.75 – 26.60 | .878 |
| Breakfast [NonConsumer] × Assessment [4] | 0.01 | -25.26 – 25.29 | .999 |
| Sex [Male] × Assessment [2] | 15.59 | -6.50 – 37.68 | .166 |
| Sex [Male] × Assessment [3] | 9.12 | -15.55 – 33.80 | .467 |
| Sex [Male] × Assessment [4] | 2.71 | -22.56 – 27.99 | .833 |
| (Condition [BO] × Breakfast [NonConsumer]) × Sex [Male] | 4.24 | -31.30 – 39.79 | .814 |
| (Condition [BO] × Breakfast [NonConsumer]) × Assessment [2] | -12.49 | -43.73 – 18.75 | .432 |
| (Condition [BO] × Breakfast [NonConsumer]) × Assessment [3] | 1.61 | -33.29 – 36.51 | .928 |
| (Condition [BO] × Breakfast [NonConsumer]) × Assessment [4] | 17.49 | -18.26 – 53.23 | .336 |
| (Condition [BO] × Sex [Male]) × Assessment [2] | -0.09 | -31.33 – 31.15 | .996 |
| (Condition [BO] × Sex [Male]) × Assessment [3] | 16.01 | -18.89 – 50.91 | .367 |
| (Condition [BO] × Sex [Male]) × Assessment [4] | 14.79 | -20.96 – 50.53 | .416 |
| (Breakfast [NonConsumer] × Sex [Male]) × Assessment [2] | 1.11 | -29.72 – 31.94 | .943 |
| (Breakfast [NonConsumer] × Sex [Male]) × Assessment [3] | 6.78 | -27.66 – 41.21 | .699 |
| (Breakfast [NonConsumer] × Sex [Male]) × Assessment [4] | 23.79 | -11.48 – 59.06 | .185 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Assessment [2] | 4.69 | -38.91 – 48.29 | .832 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Assessment [3] | -13.01 | -61.71 – 35.69 | .599 |
| (Condition [BO] × Breakfast [NonConsumer] × Sex [Male]) × Assessment [4] | -11.29 | -61.17 – 38.59 | .656 |
| **Random Effects** | | | |
| σ2 | 396.00 | | |
| τ00 ID | 165.49 | | |
| N ID | 39 | | |
| Observations | 312 | | |
| Marginal R2 / Conditional R2 | .385 / NA | | |